

Reference	Name in ThermoBar	Temperature -dependent?	Pressure- dependent?	H <sub>2</sub> O- Dependent?
Amphibole-Liquid Barometers. Function “calculate_amp_liq_press”				
Putirka (2016)	P_Put2016_eq7a	No		Yes*
	P_Put2016_eq7b	No		
	P_Put2016_eq7c	No		
Amphibole-Liquid Thermometers. Function “calculate_amp_liq_temp”				
Putirka (2016)	T_Put2016_eq4b		No	Yes*
	T_Put2016_eq4a_amp_sat		No	Yes*
	T_Put2016_eq9		No	Yes*
Amphibole-only Barometers. Function “calculate_amp_only_press”				
Ridolfi and Renzulli (2012)	P_Ridolfi2012_1a	No		No
	P_Ridolfi2012_1b	No		No
	P_Ridolfi2012_1c	No		No
	P_Ridolfi2012_1d	No		No
	P_Ridolfi2012_1e	No		No
Ridolfi et al. (2010)	P_Ridolfi2010	No		No
Hammerstrom & Zen, 1986	P_Hammerstrom1986_eq1	No		No
	P_Hammerstrom1986_eq2	No		No
	P_Hammerstrom1986_eq3	No		No
Hollister et al. 1987	P_Hollister1987	No		No
Johnson & Rutherford, 1989	P_Johnson1989	No		No
Blundy et al. 1990	P_Blundy1990	No		No
Schmidt 1992	P_Schmidt1992	No		No
Anderson & Smith, 1995	P_Anderson1995	Yes		No
Amphibole-only Thermometers. Function “calculate_amp_only_temp”				
Putirka (2016)	T_Put2016_eq5		No	No
	T_Put2016_eq6		No	No
	T_Put2016_SiHbl		No	No
	T_Put2016_eq8		Yes	No
Ridolfi and Renzuli, 2012	T_Ridolfi2012		Yes	No
Other Functions				
calculate_amp_liq_press_temp: Iteratively solves P and T for liquid-amphibole pairs using an equation for pressure, and an equation for temperature.				
calculate_amp_only_press_temp: Iteratively solves P and T for amphibole compositions using an equation for pressure, and an equation for temperature.				